

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

Date of Mailing:
25 May 2006

Attorney Docket No.
0380-P04095US0

U.S. Application No. (If Known)
Not yet assigned **10/580872**

Express Mail Label No.:
EL997340809US

Int'l Application No.
PCT/GB2004/005001

Int'l Filing Date
29 November 2004

Priority Date Claimed
28 November 2003

TITLE OF INVENTION
Polyketides and Their Synthesis

Applicant(s) for DO/EO/US
GAISSER, Sabine; MCARTHUR, Hamish, Alastair, Irvine; LEADLAY, Peter, Francis and HAYDOCK, Stephen, Frederik

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

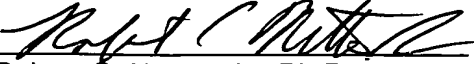
Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
 - Certificate of Mailing by Express Mail Under 37 C.F.R. §1.10
 - Copy of Form PCT/IB/308 - 1 page
 - Paper copy of sequence listing
 - Copy of Form PCT/IB/304 - 1 page
 - Copy of Form PCT/IB/306 - 4 pages
 - Postcard
 - Check in the amount of \$1,550

U.S. Application No. Not yet assigned		10/580872		International Application No. PCT/GB2004/005001		Docket No. 0380-P04095US00	
The following fees are submitted:							
21. [X] BASIC NATIONAL FEE						\$300	\$300
22. [X] Examination Fee							
If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)						\$100	\$200
All other situations						\$200	
23. [X] Search Fee							
USPTO was International Searching Authority or International Preliminary Examining Authority and all claims satisfy provisions of PCT Article 33(1)-(4)						\$0	
Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as a International Searching Authority.						\$100	
International Search Report prepared by International Search Authority other than USPTO, but provided to Office by Applicant(s)						\$400	\$500
All other situations						\$500	
Total of 21, 22, 23							\$1,000
[] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program filed in an electronic medium). Total Sheets Extra Sheets No. of each add'l 50 (round up to whole number) -100 = /50 = x \$250							\$0
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date							\$0
Claims	Number Filed	Number Extra	Rate				
Total Claims	31 -20	= 11	50	\$550			
Independent Claims	3 -3	= 0	200	\$0			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360			
TOTAL OF ABOVE CALCULATIONS						\$1,550	
[] Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½							
SUBTOTAL =						\$1,550	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))						\$0	
TOTAL NATIONAL FEE =						\$1,550	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property						\$0	
TOTAL FEES ENCLOSED =						\$1,550	

- a. [X] A check in the amount of \$1,550 to cover the above fees is enclosed
- b. [] Please surcharge Deposit Account No. 04-1406 in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1406. A duplicate copy of this sheet is enclosed.

SEND ALL CORRESPONDENCE TO: **CUSTOMER NUMBER 000110** to the attention of the individual listed below.


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10/580872

10/580872 PCT/PTO 25 MAY 2006

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**CERTIFICATE OF MAILING
BY EXPRESS MAIL UNDER 37 C.F.R. \$1.10**

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. \$1.10 on the date indicated above, and is addressed to the COMMISSIONER OF PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450.

Caren Burgoon

Typed Name of Person Mailing Paper or Fee



Signature of Person Mailing Paper or Fee

Re: New Patent Application
(National Phase of International
Patent Application No. PCT/GB2004/005001
Entitled: Polyketides and Their Synthesis
International Filing Date: 29 November 2004
Earliest Claimed Priority Date: 28 November 2003
Our File No. 0380-P04095US00

Enclosures:

- Transmittal Letter to the DO/EO/US Concerning a Filing Under 35 U.S.C. §371 (in duplicate)
- First Preliminary Amendment
- Copy of Form PCT/IB/308 - 1 page
- Paper copy of sequence listing
- Disk containing computer-readable form of sequence listing
- Copy of Form PCT/IB/304 - 1 page
- Copy of Form PCT/IB/306 - 4 pages
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- Check in the amount of \$1,550